EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1072	(rotor and stator) and (bead$2) and filter$2	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:33
L2	27	1 and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:34
L3	13	(rotor and stator) and (bead$2) and filter$2 and "137"/$	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:35
L4	1078	(rotor and stator) and (bead$2) and filter$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:38
L5	27	4 and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:39
L6	24833	(valve) and (bead$2) and filter$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:40
L7	226908	(valve) same (bead$2 or filter$2 or membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
L8	7818	7 and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
L9	414	8 and rotor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:42

L11	73	9 and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 15:30
S1	899	((rotary or rotation$3) near4 valve) and (chamber$2 or assay$2 or well$2 or container$2) and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S2	14	("4231990" | "4506558" | "4726237" | "4983523" | "5105851" | "5143084" | "5374522" | "5652141" | "5856174" | "5882903" | "5922591" | "6043080" | "6100084" | "6168948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/24 16:04
S3	14	("4506558").URPN.	USPAT	OR	OFF	2005/05/24 16:04
S4	31	Dority.in. and Douglas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S5	32017	Chang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S6	153	S5 and Ronald.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S7	2	("6178832").URPN.	USPAT	OR	OFF	2005/05/25 11:19
S8	7	("3321125" | "4546659" | "5218874" | "5417121" | "5827586" | "5898113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 11:19
S9	899	((rotary or rotation$3) near4 valve) and (chamber$2 or assay$2 or well$2 or container$2) and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:54
S10	454	S9 and (detector$2 or sensor$2) and (piston$2 or syringe$2 or pump$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:55

S11	46	("3258899" | "3323292" | "3324631" | "3430418" | "3564816" | "3738087" | "3986849" | "4194890" | "4247311" | "4272265" | "4512781" | "4559065" | "4673419" | "4698075" | "4761165" | "4806134" | "4877429" | "4925464" | "5002591" | "5286282" | "5286283" | "5340381" | "5522150" | "5549736" | "5575541" | "5578115" | "5632804" | "5662727" | "5766310" | "5827354" | "5901459" | "5902551" | "5928415" | "5961698" | "5997617" | "6036754" | "6063161" | "6146450" | "6152163" | "6200365" | "6290759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:09
S12	10	("20030209283" | "2757839" | "4426021" | "4827993" | "5168905" | "5566733" | "6063339" | "6637471" | "6641517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:18
S13	20	("0843935" | "1468502" | "1542452" | "3274895" | "4280416" | "4702269" | "5016547" | "5460789" | "5547640" | "5562442" | "5584916" | "5871347" | "5871349" | "5983986" | "6203316" | "6298877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:21
S14	19	("5460789").URPN.	USPAT	OR	OFF	2005/05/25 12:28
S15	17	("5562442").URPN.	USPAT	OR	OFF	2005/05/25 12:30

S16	20	("0843935" | "1468502" | "1542452" | "3274895" | "4280416" | "4702269" | "5016547" | "5460789" | "5547640" | "5562442" | "5584916" | "5871347" | "5871349" | "5983986" | "6203316" | "6298877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:31
S17	38	("3458437" | "4038874" | "4444066" | "4631687" | "4711764" | "4816226" | "4926702" | "4980130" | "4999439" | "5049509" | "5071547" | "5106756" | "5108928" | "5205845" | "5240604" | "5277871" | "5443791" | "5474744" | "5492831" | "5574216" | "5603899" | "5670054" | "5711786" | "5766481" | "5772874" | "5783450" | "5814742" | "5900934" | "5918273" | "5919368" | "5938932" | "5942433" | "6040186" | "6054047" | "6080318" | "6197198" | "6210571").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 14:47
S18	15	("4444066").URPN.	USPAT	OR	OFF	2005/05/25 14:50
S19	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 14:57
S20	0	("6387710").URPN.	USPAT	OR	OFF	2005/05/25 15:03
S21	9	("4585623" | "4598576" | "4736636" | "4889692" | "5384095" | "5523231" | "5674394" | "5863801" | "5976369").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 15:03
S22	10	("5674394").URPN.	USPAT	OR	OFF	2005/05/25 15:11

S23	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 15:32
S24	0	"60107021"	USPAT	OR	OFF	2005/05/25 15:32
S25	1	"5976369".PN.	USPAT; USOCR	OR	OFF	2005/05/25 15:32
S26	42	("3223083" | "4277463" | "4347243" | "4359049" | "4373023" | "4852568" | "5000854" | "5151192" | "5192300" | "5275616" | "5292332" | "5310407" | "5318524" | "5383896" | "5413571" | "5437292" | "5443481" | "5447502" | "5510102" | "5529577" | "5532311" | "5571181" | "5585007" | "5591205" | "5601602" | "5624669" | "5674394" | "5676689" | "5716375" | "5741223" | "5788662" | "5795571" | "5814066" | "5830130" | "5843124" | "5916236" | "5957952" | "6007563" | "6033427" | "6146771" | "6197289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:20
S27	22376	(syringe$2 or dispenser$2 or applicat$2) with valve$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:21
S28	42	("3223083" | "4277463" | "4347243" | "4359049" | "4373023" | "4852568" | "5000854" | "5151192" | "5192300" | "5275616" | "5292332" | "5310407" | "5318524" | "5383896" | "5413571" | "5437292" | "5443481" | "5447502" | "5510102" | "5529577" | "5532311" | "5571181" | "5585007" | "5591205"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:22

			"5601602" | "5624669" | "5674394" | "5676689" | "5716375" | "5741223" | "5788662" | "5795571" | "5814066" | "5830130" | "5843124" | "5916236" | "5957952" | "6007563" | "6033427" | "6146771" | "6197289").PN.				
S29	26	("2667075" | "3024660" | "3405706" | "3545932" | "3561427" | "3595086" | "3730352" | "3785928" | "3901653" | "3963151" | "4004884" | "4025311" | "4042337" | "4126043" | "4227413" | "4710474" | "4847205" | "4852560" | "4854182" | "4865813" | "4889692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:26
S30	25	("4004975" | "4159896" | "4343793" | "4359049" | "4362567" | "4427650" | "4627879" | "4680025" | "4696748" | "4735616" | "4800022" | "4978336" | "5039401" | "5185001" | "5290552" | "5304372" | "5318782" | "5330974" | "5405607" | "5428008" | "5437598" | "5464535" | "5585007" | "5601727" | "5674394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:28

S31	23	("3964513" | "4068528" | "4152391" | "4346610" | "4445391" | "4506558" | "4507977" | "4702889" | "4726237" | "4726932" | "4896546" | "4948565" | "4957008" | "5207109" | "5251670" | "5390552" | "5437200" | "5524496" | "5542305" | "5601115" | "5650577" | "5763795" | "5803117").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S32	17	"4068528"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S33	17	"4068528"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:19
S34	4	(valve$2) and (dipenser$2) and bead$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S35	8	(dipenser$2) and bead$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S36	2589	"422"/$ and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S37	680	S36 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:40
S38	348	S37 and valve$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:41
S39	36	S37 and (valve$2 near4 rota$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:13
S40	1278	gordon.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S41	143	S40 and Brian.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S42	12	S41 and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S43	10566	(valve$2 with transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14

S44	34	S43 and "347"/$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14
S45	8	("4072959" | "4340083" | "4629926" | "4875058" | "6164621" | "6173744" | "6257445" | "6499509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/31 13:16
S46	30	("4340083").URPN.	USPAT	OR	OFF	2005/05/31 13:19
S47	29	"4812221"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/15 14:53
S48	2	"20040203055"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 19:10
S49	31	"6495104"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 17:18
S50	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 19:10
S51	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/02 13:28
S52	2	("5808179" | "6004514").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:45
S53	5	("6365105").URPN.	USPAT	OR	ON	2010/02/03 16:46
S54	9	("4585623" | "4598576" | "4736636" | "4889692" | "5384095" | "5523231" | "5674394" | "5863801" | "5976369").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:52
S55	4	("4736636").URPN.	USPAT	OR	ON	2010/02/03 16:53
S56	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S57	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S58	12	("5384095").URPN.	USPAT	OR	ON	2010/02/03 16:57

S59	17	("2719426" | "3223123" | "3368385" | "3411525" | "3477207" | "3508582" | "3933436" | "4506558" | "4625569" | "4690179" | "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:59
S60	17	("2719426" | "3223123" | "3368385" | "3411525" | "3477207" | "3508582" | "3933436" | "4506558" | "4625569" | "4690179" | "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:07
S61	28	("3223123").URPN.	USPAT	OR	ON	2010/02/03 17:08
S62	18	("2985589" | "3040777" | "3192954" | "3223123" | "3422848" | "3451428" | "3460574" | "3477207" | "3747630" | "4402832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:09
S63	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S64	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S65	10	("2113798" | "3040777" | "3223123" | "3229705" | "3339569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:13
S66	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:13
S67	14	("2262224" | "2979963" | "2985589" | "3040777" | "3186434" | "3192954" | "3422848").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:15
S68	16	("3192954").URPN.	USPAT	OR	ON	2010/02/03 17:16
S69	10	("2985589" | "3192954" | "3706812" | "3814129" | "4068528" | "4263937" | "5105851").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:17
S70	2	("6904936").URPN.	USPAT	OR	ON	2010/02/03 17:18

S71	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:19
S72	18	("2946348" | "2972357" | "2985589" | "3040777" | "3192954" | "3422848" | "3542072" | "3977434" | "4335745" | "4402832" | "4480662").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:20
S73	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:21
S74	30	("4231990" | "4506558" | "4726237" | "4983523" | "5105851" | "5142084" | "5374522" | "5652141" | "5856174" | "5882903" | "5922288" | "5922591" | "5935858" | "6043080" | "6100084" | "6168948").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:22
S75	16	("3889151" | "4399361" | "5176203" | "5229580" | "5364790" | "5415839" | "5422271" | "5451500" | "5460780" | "5475610" | "5585069" | "5593838" | "5602756" | "5616301" | "5643738" | "5654200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:27
S76	16	("3889151" | "4399361" | "5176203" | "5229580" | "5364790" | "5415839" | "5422271" | "5451500" | "5460780" | "5475610" | "5585069" | "5593838" | "5602756" | "5616301" | "5643738" | "5654200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:43
S77	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:43

S78	342	(rotor) and actuator and chamber$2 and "422"/$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:44
S79	1220	(rotor) and stator and membrane and chamber$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S80	80	S79 and ("422"/$ or "436"/$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S81	14	"3985155"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:11
S82	8	("4242909" | "4625569" | "5400824" | "5865417" | "6012488" | "6155123" | "6267143" | "6585296").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:16
S83	10	("2743739" | "2948299" | "2964061" | "5316042" | "5623965" | "5803117" | "5810049").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:19
S84	13	("5316042").URPN.	USPAT	OR	ON	2010/02/12 13:20
S85	28	("2079041" | "2741265" | "2918938" | "2974681" | "3008490" | "3040777" | "3198004" | "3246667" | "3658092" | "3972350" | "4490961" | "4509555" | "4700745" | "4791775" | "4807424" | "4991375" | "5096052" | "5261451" | "5316042" | "5345747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:21

EAST Search History (Interference)

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2/12/2010 4:11:43 PM
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